

WHAT IS CLAIMED IS:

1. A method of transmitting a packet, comprising the steps of:

measuring the length of a data packet stored in a device;

generating an additional packet having a length which is equal to the difference between the measured length and a predetermined packet length;

coupling said data packet and said additional packet to each other;

producing a second packet having a predetermined length;

transferring said second packet to a transmission buffer; and

transmitting said second packet.

2. A method according to claim 1, wherein said additional packet comprises a nullpacket.

3. A method according to claim 1, wherein said data packet comprises a packet according to MPEG standards and said second packet comprises a packet according to IEEE 1394 standards.

4. A method according to claim 1, wherein said predetermined length of said second packet is represented by 392 bytes.

5. An apparatus for transmitting a packet, comprising:

means for measuring the length of a data packet stored in a device;

means for generating an additional packet having a length which is equal to the difference between the measured length and a predetermined packet length;

means for coupling said data packet and said additional packet to each other;

means for producing a second packet having a predetermined length;

means for transferring said second packet to a transmission buffer; and

means for transmitting said second packet.

6. An apparatus according to claim 5, wherein said additional packet comprises a nullpacket.

7. An apparatus according to claim 5, wherein said data packet comprises a packet according to MPEG standards and said second packet comprises a packet according to IEEE 1394 standards.

8. An apparatus according to claim 5, wherein said predetermined length of said second packet is represented by 392 bytes.

9. A program for transmitting a packet, comprising

the steps of:

measuring the length of a data packet stored in a device;

generating an additional packet having a length which is equal to the difference between the measured length and a predetermined packet length;

coupling said data packet and said additional packet to each other;

producing a second packet having a predetermined length;

transferring said second packet to a transmission buffer; and

transmitting said second packet.

10. A program according to claim 8, wherein said additional packet comprises a nullpacket.

11. A program according to claim 8, wherein said data packet comprises a packet according to MPEG standards and said second packet comprises a packet according to IEEE 1394 standards.

12. A program according to claim 8, wherein said predetermined length of said second packet is represented by 392 bytes.

13. A storage medium for storing a program for transmitting a packet, said program comprising the steps

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of:

measuring the length of a data packet stored in a device;

generating an additional packet having a length which is equal to the difference between the measured length and a predetermined packet length;

coupling said data packet and said additional packet to each other;

producing a second packet having a predetermined length;

transferring said second packet to a transmission buffer; and

transmitting said second packet.

14. A storage medium according to claim 12, wherein said additional packet comprises a nullpacket.

15. A storage medium according to claim 12, wherein said data packet comprises a packet according to MPEG standards and said second packet comprises a packet according to IEEE 1394 standards.

16. A storage medium according to claim 12, wherein said predetermined length of said second packet is represented by 392 bytes.